

ABSTRACT

A method and system are provided for controlling tint of component video signals. The system includes a first input for receiving a first component video signal; a second input for receiving a second component video signal; circuitry including a first differential amplifier and a second differential amplifier for receiving the first and second component video signals from the first and second inputs, respectively; a first output connected to the circuitry for outputting a first tint control adjustment signal for the first component video signal; and a second output connected to the circuitry for outputting a second tint control adjustment signal for the second component video signal. The first outputted signal is represented as $V+kU-2ckU$ and the second outputted signal is represented as $U-kV+2ckV$, where V represents the first component video signal, U represents the second component video signal, k is a constant, and c is a value greater than or equal to zero and less than or equal to one.